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Experimental biology: Research on metabolic rates and routes in microorganisms, plants and animals. Respiration; nutrition; life cycles.

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Biosystem research: Experimental biosystems and microcosms. Energy budgets: flow routes and balance sheets of energy and matter in the marine environment. Interspecific interrelationships, food webs. Dynamics and struc-

tures of microbial, plant and animal populations. Use, management and protection of living marine resources. Effects of man on marine life, including pollution.

Evolution: Investigations on speciation, population genetics, and biological history of the oceans.

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Contents

Volume 85 Number 1 1985

T. Ikeda Metabolic rates of epipelagic marine zooplankton as a function of body mass and temperature	1	L. P. D. Rasmussen, E. Hage, O. Karlsg Light and electronmicroscopic studies of the acute and long-term toxic effects of N-nitroso-dipropylamine and N-methylnitrosurea on the marine mussel <i>Mytilus edulis</i>	55
A. F. Carlucci, D. B. Craven, S. M. Henrichs Surface-film microheterotrophs: amino acid metabolism and solar radiation effects on their activities	13	L. S. Eyster Origin, morphology and fate of the nonmineralized shell of <i>Coryphella salmonacea</i> , an opisthobranch gastropod	67
M. E. Huber Population genetics of eight species of <i>Trapezia</i> (Brachyura: Xanthidae), symbionts of corals	23	E. J. Chesney, Jr., K. R. Tenore Effects of predation and disturbance on the population growth and dynamics of the polychaete <i>Capitella capitata</i> (Type I)	77
I. Laing Growth response of <i>Chaetoceros calcitrans</i> (Bacillariophyceae) in batch culture to a range of initial silica concentrations	37	J. H. Vinuesa, L. Ferrari, R. J. Lombardo Effect of temperature and salinity on larval development of southern king crab (<i>Lithodes antarcticus</i>)	83
F. Goudard, J. Galey, J. Pieri, S. W. Fowler, S. Heussner, J. La Rosa Intracellular localization and binding of technetium-95m in the seastar <i>Marthasterias glacialis</i>	43	A. Ulken, I. Jäckle, G. Bahnweg Morphology, nutrition and taxonomy of an <i>Aplanochytrium</i> sp. from the Sargasso Sea	89
V. Talbot Relationship between cadmium concentrations in seawater and those in the mussel <i>Mytilus edulis</i>	51	R. Williams, N. R. Collins Chaetognaths and ctenophores in the holoplankton of the Bristol Channel	97

Volume 85 Number 2 1985

J. R. Sargent, H. C. Ellertsen, S. Falk-Petersen, J. P. Taasen Carbon assimilation and lipid production in phytoplankton in northern Norwegian fjords	109	E. Meyhöfer Comparative pumping rates in suspension-feeding bivalves	137
A. J. Heyward, J. A. Stoddart Genetic structure of two species of <i>Montipora</i> on a patch reef: conflicting results from electrophoresis and histocompatibility	117	D. M. Dauer Functional morphology and feeding behavior of <i>Parapriionospio pinnata</i> (Polychaeta: Spionidae)	143
E. Lubzens, G. Minkoff, S. Marom Salinity dependence of sexual and asexual reproduction in the rotifer <i>Brachionus plicatilis</i>	123	S. L. Smith, P. V. Z. Lane Laboratory studies of the marine copepod <i>Centropages typicus</i> : egg production and development rates	153
H. F. Kaspar, P. A. Gillespie, I. C. Boyer, A. L. MacKenzie Effects of mussel aquaculture on the nitrogen cycle and benthic communities in Kenepuru Sound, Marlborough Sounds, New Zealand	127	M. R. Landry, J. M. Lehner Fournier, V. L. Fagerness Predatory feeding behavior of the marine cyclopoid copepod <i>Corycaeus anglicus</i>	163

continued on next page

N. M. Otway, D. T. Anderson Variability of shell growth and morphology of the wall-plate junctions of the intertidal barnacle <i>Tesseropora rosea</i> (Cirripedia: Tetraciliidae)	171	B. Somasundaram Effects of zinc on epidermal ultrastructure in the larva of <i>Clupea harengus</i>	199
P. J. Chrystal, I. C. Potter, N. R. Loneragan, C. P. Holt Age structure, growth rates, movement patterns and feeding in an estuarine population of the cardinalfish <i>Apogon rupestris</i>	185	M. S. Gordon, D. J. Gabaldon, A. Y.-w. Yip Exploratory observations on microhabitat selec- tion within the intertidal zone by the Chinese mudskipper fish <i>Periophthalmus cantonensis</i>	209

Volume 85 Number 3 1985

J. Widdows, J. M. Shick Physiological responses of <i>Mytilus edulis</i> and <i>Cardium edule</i> to aerial exposure	217	T. E. Thomas, P. J. Harrison Effect of nitrogen supply on nitrogen uptake, accumulation and assimilation in <i>Porphyra</i> <i>perforata</i> (Rhodophyta)	269
T. Borchardt Relationships between carbon and cadmium uptake in <i>Mytilus edulis</i>	233	A. M. Solé-Cava, J. P. Thorpe, J. G. Kaye Reproductive isolation with little genetic diver- gence between <i>Urticina</i> (= <i>Tealia</i>) <i>felina</i> and <i>U. eques</i> (Anthozoa: Actiniaria)	279
S. Patel, B. Patel Effect of environmental parameters on lysosomal marker enzymes in the tropical blood clam <i>Anadara granosa</i>	245	D. J. W. Moriarty, P. C. Pollard, W. G. Hunt Temporal and spatial variation in bacterial pro- duction in the water column over a coral reef	285
S. F. Rainer Population dynamics and production of the bivalve <i>Abra alba</i> and implications for fisheries production	253	D. J. W. Moriarty, P. C. Pollard, W. G. Hunt, C. M. Moriarty, T. J. Wassenberg Productivity of bacteria and microalgae and the effect of grazing by holothurians in sediments on a coral reef flat	293
S. M. Lester <i>Cephalodiscus</i> sp. (Hemichordata: Pterobran- chia): observations of functional morphology, behavior and occurrence in shallow water around Bermuda	263	T. J. Pandian, M. P. Marian Nitrogen content of food as an index of absorp- tion efficiency in fishes	301
		J. Kinzer, K. Schulz Vertical distribution and feeding patterns of midwater fish in the central equatorial Atlantic. I. Myctophidae	313

Indexed in Current Contents

